**Mathematical Cases**

*Mathematical Mindsets* by Jo Boaler

**Home Tables**

1. Count off from 1 to 4.
2. Move to meet with your expert group.

* Person #1s Room 210 (Case 1: pp 58-59 AND Case 4: pp 69-70)
* Person #2s LRC front (Case 2: pp 60-66)
* Person #3s LRC back (Case 3: pp 66-69)
* Person #4s Room 230 (Case 5: pp 72-74 AND Case 6: pp. 74-76)

**Expert Groups**

1. Introduce yourselves and choose a facilitator and time keeper.
2. Facilitator and time keeper manage time so all steps are completed in **20 minutes**.
3. Read your case(s) independently and in the space below, note case background and one idea or strategy that will impact how you engage your students with math next fall.
4. Discuss key ideas with your table group, noting additional ideas and strategies to bring back to your home group.
5. Return tables and chairs to original positions and return to your home table.

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| Case # | Background | Ideas or Strategies  From Boaler or group |
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**Home Tables**

1. Choose facilitator, time keeper, and recorder.
2. Facilitator and time keeper manage time so all steps are completed in **25 minutes.**
3. Each person reports on their case(s), group members add additional ideas and strategies if possible.
4. For each case, recorder notes any questions or concerns about engaging students with this aspect of math teaching and learning and **records on chart paper.**

*Example: Case 1: My ELL students struggle with being comfortable enough to talk about their thinking during number talks. Any ideas about how to change that?*

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| Case | Ideas or strategies |
| Case 1:  Openness of Numbers |  |
| Case 2:  Power of Visualization |  |
| Case 3:  A Time to Tell? |  |
| Case 4:  Math Connection |  |
| Case 5:  Negative Space |  |
| Case 6:  Math Excitement |  |